SANTA CRUZ BIOTECHNOLOGY, INC.

PLAC9 (h): 293T Lysate: sc-370155

BACKGROUND

PLAC9 (placenta-specific 9) is a 97 amino acid protein that is predominantly expressed in placenta and belongs to the PLAC9 family. Human PLAC9 shares 73% identity with mouse PLAC9 and is encoded by a gene that maps to human chromosome 10q22.3. Chromosome 10 encodes nearly 1,200 genes within 135 million bases, making up approximately 4.5% of the human genome. Several protein-coding genes, including those that encode for chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in genes that map to chromosome 10 are associated with Charcot-Marie-Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

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CHROMOSOMAL LOCATION

Genetic locus: PLAC9 (human) mapping to 10q22.3.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PRODUCT

PLAC9 (h): 293T Lysate represents a lysate of human PLAC9 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

PLAC9 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive PLAC9 antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.